

Where the chest and/or back is involved a larger version of panel A [6] would be used as in Figure 5. --

**In the Claims:**

Please amend the claims as follows:

1. **(Amended)** An electromagnetic radiation therapy system comprising means for emitting narrow band divergent electromagnetic radiation at a wavelength centered at, or about, 1072nm and/or at a wavelength centered at, or about, 1268nm, the system [between 980 nm and 1500 nm and] being capable of producing, at the site being treated, a radiation intensity of at least 50  $\mu\text{Watts/cm}^2$  and up to 2  $\text{Watts/cm}^2$ .

**Claims 2-4 have been deleted.**

5. **(Twice Amended)** An electromagnetic radiation therapy system according to Claim 1 wherein the half angle divergence of the electromagnetic radiation is in the range 15° to 45°.

6. **(Twice Amended)** An electromagnetic radiation therapy system according to Claim 1 wherein the electromagnetic radiation is continuous or pulsed.

7. **(Twice Amended)** An electromagnetic radiation therapy system according to [Claim 6] Claim 1 wherein [, in the instance of] the electromagnetic radiation [being] is continuous, and the intensity is at least 50  $\mu\text{Watts/cm}^2$  for treatment of eyes and mucous membranes and up to 2  $\text{Watts/cm}^2$ .

8. **(Twice Amended)** An electromagnetic radiation therapy system according to [Claim 6] Claim 1 wherein [, in the instance of] the electromagnetic radiation

[being] is continuous, and the intensity is at least 500  $\mu\text{Watts/cm}^2$  for treatment of skin and up to 2  $\text{Watts/cm}^2$ .

9. (Twice Amended) An electromagnetic radiation therapy system according to [Claim 6] Claim 1 wherein [, in the instance of] the electromagnetic radiation [being] is pulsed, and the intensity is at least 50  $\mu\text{Watts/cm}^2$  peak power for treatment of eyes and mucous membranes and the average power is up to 2  $\text{Watts/cm}^2$ .

10. (Twice Amended) An electromagnetic radiation therapy system according to [Claim 6] Claim 1 wherein [, in the instance of] the electromagnetic radiation [being] is pulsed, and the intensity is at least 500  $\mu\text{Watts/cm}^2$  peak power for treatment of skin and the average power is up to 2  $\text{Watts/cm}^2$ .

11. (Twice Amended) An electromagnetic radiation therapy system according to [Claim 6] Claim 1 wherein the electromagnetic radiation is pulsed, and the average power of the pulsed electromagnetic radiation intensity is in the region of 50-100 $\mu\text{Watts/cm}^2$ .

12. (Twice Amended) An electromagnetic radiation therapy system according to [Claim 6] Claim 1 wherein the electromagnetic radiation is pulsed, and the pulsed electromagnetic radiation is applied for periods of at least 10-15  $\mu\text{seconds}$ .

13. (Twice Amended) An electromagnetic radiation therapy system according to [Claim 6] Claim 1 wherein the electromagnetic radiation is pulsed, and the pulsed electromagnetic radiation is applied at a frequency/repetition rate in the range 480-800 Hz.

14. (Amended) An electromagnetic radiation therapy system according to [Claim 6] Claim 13 wherein the frequency/repetition rate is at, or about, 600 Hz.

15. **(Twice Amended)** An electromagnetic radiation therapy system according to **[Claim 6]** Claim 1 wherein the electromagnetic radiation is pulsed, and the pulsed electromagnetic radiation is applied to the affected area for at least 30 seconds and up to 15 minutes.

20. **(Twice amended)** An electromagnetic radiation therapy system according to Claim 1 further including **[further including]** means for controlling the duration of the application of the radiation.

24. **(Twice amended)** An electromagnetic radiation therapy system according to Claim 21 wherein the **[radiation emitter]** means for emitting includes a PN junction arranged to emit radiation with a wavelength centring at, or about, 1072nm or at, or about, 1268 nm.

25. **(Amended)** An electromagnetic radiation therapy system according to **[Claims]** Claim 24 **[wherein]** comprising a single light diode assembly **[include]** including a plurality of orientated junctions.

26. **(Amended)** An electromagnetic radiation therapy system according to **[Claims]** Claim 22 wherein the gas discharge device may include a mixture of gases which will give an output at the desired wavelength[, **for instance**] centered at, or about, 1072 nm or 1268 nm.

**Claims 27-30 have been deleted.**